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EXAMINER	
BELIVEAU, SCOTT E	

ART UNIT	PAPER NUMBER
2623	

DATE MAILED: 07/10/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/692,513

Applicant(s)

HALE ET AL.

Examiner

Scott Beliveau

Art Unit

2623

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 29 June 2006.  
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 20-79 is/are pending in the application.  
4a) Of the above claim(s) 20 and 21 is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 22-79 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Miscellaneous***

1. Please note that the examination art unit of record for this application has changed to 2623.

### ***Election/Restrictions***

2. Pursuant to a further review of the record, the previous examiner appears to have mistakenly failed to indicate that the restriction requirement (mailed 23 September 2004) was made FINAL in the subsequent action (mailed 30 June 2005) responsive to applicant's traversal. Accordingly, for the completeness of the record, the previously presented restriction requirement is being repeated and applicant's traversal is being addressed.
3. Applicant's election with traverse of Group I (previously presented claims 1-19 which currently correspond to claims 22-76) in the reply filed on 23 March 2005 is acknowledged. The traversal is on the ground(s) that the Examiner has failed to show that there would exist a "serious burden" on the Examiner if all of the claims were examined together in one application. Where the related inventions as claimed are shown to be independent or distinct under the criteria of MPEP § 806.05(c) - § 806.06, the examiner, in order to establish reasons for insisting upon restriction, must explain why there would be a serious burden on the examiner if restriction is not required. In the instant case, the examiner has met this requirement by demonstrating 'Separate classification thereof' to show that each invention has attained recognition in the art as a separate subject for inventive effort, and also a separate field of search. Therefore, the examiner has met the criteria set forth in the MPEP

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for showing serious burden. The requirement is still deemed proper and is therefore made FINAL.

4. This application contains claims 20 and 21 drawn to an invention nonelected with traverse in applicant's response dated 23 March 2005. A complete reply to the final rejection must include cancellation of nonelected claims or other appropriate action (37 CFR 1.144) See MPEP § 821.01.

#### ***Priority***

5. Applicant's claim for the benefit of a prior-filed application under 35 U.S.C. 119(e) or under 35 U.S.C. 120, 121, or 365(c) is acknowledged. Applicant has not complied with one or more conditions for receiving the benefit of an earlier filing date under 35 U.S.C. 119(e). Specifically, the later-filed application must be an application for a patent for an invention which is also disclosed in the prior application (the parent or original nonprovisional application or provisional application). The disclosure of the invention in the parent application and in the later-filed application must be sufficient to comply with the requirements of the first paragraph of 35 U.S.C. 112. See *Transco Products, Inc. v. Performance Contracting, Inc.*, 38 F.3d 551, 32 USPQ2d 1077 (Fed. Cir. 1994).

The disclosure of the prior-filed application, Application No. 60/421,255, fails to provide adequate support or enablement in the manner provided by the first paragraph of 35 U.S.C. 112 for claim 45 this application. In particular, the earlier filled application, taking into consideration applicant's arguments, continues to fail to provide adequate support or enablement for the limitation such that the "visual narrative comprises sign language".

***Response to Amendment***

6. The declaration filed on 29 June 2006 under 37 CFR 1.131 has been considered but is ineffective to overcome the Karstens reference.

Responsive to the Non-Final Rejection (mailed 29 December 2005), applicant's have submitted a declaration pursuant to 37 C.F.R. 1.131 in order to overcome the Karstens (US Pub No. 2004/0044532 A1) reference. Applicants allege that the declaration and corresponding exhibits demonstrate conception (Exhibits A-B) followed by continued diligence from prior to the filing of the Karstens reference (03 September 2002) to the constructive reduction to practice associated with the filing of the provisional application (25 October 2002). The examiner respectfully disagrees that applicant's have provided evidence of conception for each claimed limitation as well as evidence establishing continued diligence throughout the entire critical period.

The evidence submitted is insufficient to establish a conception of the invention prior to the effective date of the Karstens reference. While conception is the mental part of the inventive act, it must be capable of proof, such as by demonstrative evidence or by a complete disclosure to another. Conception is more than a vague idea of how to solve a problem. The requisite means themselves and their interaction must also be comprehended. See *Mergenthaler v. Scudder*, 1897 C.D. 724, 81 O.G. 1417 (D.C. Cir. 1897). As aforementioned, Exhibits A-B have been provided as evidence of conception; however, the provided evidence and even the instant application are entirely silent with respect to the

limitations of claim 45 such that the “visual narrative comprises sign language”. Therefore, there is insufficient evidence to establish conception of claim 45.

The evidence submitted is insufficient to establish diligence from a date prior to the date of reduction to practice of the Karstens reference to either a constructive reduction to practice or an actual reduction to practice. In the instant case, applicant's assert that they were diligently working towards actual or constructive reduction of practice of the invention from between 19 April 2002 and 25 October 2002 as evidenced by a copy of a draft provisional patent application dated 21 May 2002 in Exhibit C. The critical period for diligence for a first conceiver but second reducer begins not at the time of conception of the first conceiver but just prior to the entry in the field of the party who was first to reduce to practice and continues until the first conceiver reduces to practice. *Hull v. Davenport*, 90 F.2d 103, 105, 33 USPQ 506, 508 (CCPA 1937). Therefore, the critical period for continued diligence is the period between 03 September 2002 and 25 October 2002 for claims 22-44 and 46-79 and between 03 September 2002 and 24 October 2003 for claim 45 (in view of the lack of support in the provisional filing).

An applicant must account for the entire period during which diligence is required. *Gould v. Schawlow*, 363 F.2d 908, 919, 150 USPQ 634, 643 (CCPA 1966) (Merely stating that there were no weeks or months that the invention was not worked on is not enough.); *In re Harry*, 333 F.2d 920, 923, 142 USPQ 164, 166 (CCPA 1964) (statement that the subject matter “was diligently reduced to practice” is not a showing but a mere pleading). In the instant case, applicants' declaration (Page 2, Para. 7) amounts to a pleading in so far as it fails to provide any evidentiary showing of diligence throughout the entire critical period.

See MPEP 2138.06 [R-1]. Accordingly, the evidence submitted is insufficient to establish diligence from a date prior to the date of reduction to practice of the Karstens reference to either a constructive reduction to practice or an actual reduction to practice.

***Response to Arguments***

7. The OFFICIAL NOTICE presented stating that it is notoriously well known in the art for portable devices to “comprise speakers” was not traversed and is accordingly taken as an admission of the fact noted.
8. The OFFICIAL NOTICE presented as to the usage of “sign language” as a form of “visual narrative” was not traversed and is accordingly taken as an admission of the fact noted.
9. The OFFICIAL NOTICE presented as to the existence and usage of “transceivers” in portable devices was not traversed and is accordingly taken as an admission of the fact noted.
10. Applicant's arguments filed 29 June 2006 have been fully considered but they are not persuasive.

With respect to applicant's remarks regarding the claim for priority for claim 45 such that one having ordinary skill in the art would conclude that the earlier filing provides adequate support under 35 U.S.C. 112 for claimed limitation wherein the “content data is a visual narrative . . . comprising sign language”, the examiner respectfully disagrees. Applicants set forth that the earlier filing discloses that the invention may provide for streaming for assistive listening systems. As is understood in the art, assistive listening systems, are not limited to the particular usage of ‘sign language’; rather they can comprise enhanced ‘closed

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captioning' without employing sign language translation. The earlier filing is entirely silent as to the usage of 'sign language' so as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention particularly utilizing 'sign language' as claimed. Accordingly, applicant's claim for priority to claim 45 continues to be considered invalid.

Applicant's remarks concerning the rejection of claims 22-79 over claims 1, 2, 16-18, 21, 22, and 30-32 of US Pat No. 6,785,539 and the filing of a terminal disclaimer pending indication of allowable subject matter is acknowledged. The rejection is subsequently repeated.

Applicant's remarks and declaration under 37 C.F.R. 1.131 regarding the rejection of claims 22-79 in view of the Karstens reference is acknowledged and similarly not found to be persuasive as previously set forth.

### ***Double Patenting***

11. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998);



In re Goodman, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); In re Longi, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); In re Van Ornum, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); In re Vogel, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and In re Thorington, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

12. Claims 22-79 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1, 2, 16-18, 21, 22, and 30-32 of U.S. Patent No. 6,785,539. Although the conflicting claims are not identical, they are not patentably distinct from each other because the differences between the pending and patented claims are considered obvious variants over one another.

With respect to claim 22 of the application, the differences between it and patented claim 1 relate to the particular step of “transmitting content data to the portable device”. The patented claim is silent as to how the content data is “pre-programmed”. The particular transmission of content data to portable devices is commonly known in the art. Accordingly it would have been obvious to one having ordinary skill in the art to modify the patented

claim to further recite “transmitting content data to the portable device” for the purpose of providing a flexible means by which the content data can be distributed/loaded onto portable units.

Regarding claim 46, the claim corresponds to patented claim 1 wherein the differences lie in the particular “transmitting”. As previously set forth, the particular transmission of content data to portable devices is considered an obvious variant for the purpose of providing a flexible means by which the content data can be distributed/loaded onto portable units.

Regarding claim 47, the claim corresponds to patented claim 1 wherein the differences lie in the particular usage of “at least two receivers” wherein “content data is transmitted using first receiver signals at the start or slightly in advance of the start of the media presentation” and the “second receiver” is utilized in connection with receiving the timing trigger. The particular usage of a “receiver” so as to receive the transmission of content data to portable devices either at the start or slightly in advance of the start of the media presentation is commonly known in the art and it would have been obvious to one skilled in the art so as to modify the patented claim so as to employ a “first receiver” for the purpose of providing a means by which the content data can be distributed and received portable units either prior to or at the point of its use. The patented claim comprises the particular usage of a “second receiver” so as to receive the timing trigger. Accordingly, the particular usage of the “at least two receivers” is considered an obvious variant.

Regarding claim 48, the claim corresponds to patented claim 1 wherein the differences lie in the particular usage of “at least two receivers” wherein “content data is transmitted using first receiver signals at the start or slightly in advance of the start of the media presentation”

and the “second receiver” is utilized in connection with receiving the timing trigger. The particular usage of a “receiver” so as to receive the transmission of content data to portable devices either at the start or slightly in advance of the start of the media presentation is commonly known in the art and is considered an obvious variant for the purpose of providing a means by which the content data can be distributed and received portable units either prior to or at the point of its use. The patented claim comprises the particular usage of a “second receiver” so as to receive the timing trigger. Accordingly, the particular usage of the “at least two receivers” is considered an obvious variant.

In consideration of claim 54, the differences between it and patented claim 1 relate to the particular step of “transmitting the second media content to the portable device”. The patented claim is silent as to how the content data is “pre-programmed”. As aforementioned, the particular transmission of content data to portable devices commonly known in the art and is considered an obvious variant for the purpose of providing a means by which the content data can be distributed to portable units.

In consideration of claim 59, the differences between it and patented claim 1 relate to the particular step of “transmitting the second media content to the portable device”. The patented claim is silent as to how the content data, which is different from the first media content associated with the presentation, is “pre-programmed”. As previously set forth, the particular transmission of content data to portable devices is considered an obvious variant for the purpose of providing a means by which the content data can be distributed to portable units.

In consideration of claim 65, the differences between it and patented claim 1 relate to the particular step of “transmitting the second media content to the portable device” and further “providing inputs on the portable device”. The patented claim is silent as to how the content data is “pre-programmed”. As aforementioned, the particular transmission of content data to portable devices is considered an obvious variant for the purpose of providing a means by which the content data can be distributed to portable units. “Providing inputs” on a portable device is commonly known in the art and as such the particular modification to the patented claim to “providing inputs” on a portable device is considered an obvious variant so as to advantageously provide the user with the ability to interact with and/or control the portable device.

Claim 23 corresponds to claim 16.

Claim 24 corresponds to claim 17.

Claims 25-27 correspond to claim 21 wherein the presentation is a “movie” comprising audio and video data.

Claim 28 corresponds to claim 1 wherein the difference between it and patented claim 1 relates to the particular further usage of “audio data”. The particular usage of audio data in combination with video data is well known in the art. Accordingly, a modification to the patented claim to further include “audio data” in combination with video data is considered an obvious variant for the purpose of providing the user with a rich media experience.

Claim 29 corresponds to claim 21.

Claim 30 corresponds to claim 2 wherein the difference between it and patented claim 2 relates to the particular step of “transmitting content data to the portable device”. The

patented claim is silent as to how the content data is “pre-programmed”. As previously set forth, the particular transmission of content data to portable devices is considered an obvious variant for the purpose of providing a means by which the content data can be distributed to portable units.

Claim 31 corresponds to claim 1.

Claim 32 corresponds to claim 1 wherein the differences relate to the patented claim not setting forth that the visual narrative further or content data comprises “graphics”. The particular usage of “graphics” in conjunction with a visual narrative is commonly known in the art. Accordingly, it would have been considered an obvious variation so as to modify the patented claim so as to employ “graphics” for the purpose of providing the user with a rich media experience.

Claims 33 and 34 correspond to claim 1 wherein the “at least one time prompt is representative of a time of day” or “representative of a time at which the media presentation starts”.

Claim 36 corresponds to claim 2 wherein the difference between the application claim and patented claim 2 relates to the particular step of “transmitting content data to the portable device”. The patented claim is silent as to how the content data is “pre-programmed”. The particular transmission of content data to portable devices is considered an obvious variant for the purpose of providing a means by which the content data can be distributed to portable units. The patented claim also does not set forth that the portable device further comprises “speakers”. The particular usage of “speakers” with portable devices is commonly known in the art. Accordingly, the particular modification to the patented claim so as to further utilize

“speakers” is considered obvious modification so as to provide a means by which user may enjoy an audible presentation of the audio narrative.

Claim 37 corresponds to claim 15.

Claim 38 corresponds to claim 1 wherein the difference between the application claim and the patented claim relates to the particular limitation such that the “portable device is a cellular phone”. The particular usage of “cellular phones” as “portable devices” is commonly known in the art. Accordingly, a modification to the patented claim so as to employ a “cellular phone” is considered to be an obvious modification for the purpose of advantageously providing the portable device with the ability to further intercommunicate with other users.

Claim 39 corresponds to claim 20.

Claims 40-41 correspond to claim 21.

Claim 42 corresponds to claims 2 and 31.

Claim 43 corresponds to patented claim 22.

Claim 44 corresponds to claims 2 and 32.

Claim 45 corresponds to patented claim 30.

Claims 49, 55, 60, 71, 73, and 75 correspond to claim 1 wherein the particular provision of “providing inputs” on a portable device is considered an obvious variant to the patented claim, as previously set forth, for the purpose of providing the user with the ability to interact with and/or control the portable device.

Claims 50 and 76 correspond to claim 16 wherein the differences between the application claim and the patented claim relates to the particular further usage of a “radio frequency

receiver". Applicant's admission of fact provides evidence that it is well known and expected in the art to use RF and IR to transmit data to devices. Accordingly, it would have been obvious to those having ordinary skill in the art at the time the invention was made so as to modify the patented claim so as to utilize "at least two receivers are an infrared receiver and a radio frequency receiver" for the purpose of providing an inexpensive, simplistic way of sending data wirelessly.

Claims 51 and 77 correspond to claim 1 wherein the differences between the application claim and the patented claim relates to the particular usage of a "transceiver". The particular usage of "transceivers" in conjunction with portable devices is commonly known in the art. Accordingly, it would have been obvious to one having ordinary skill in the art so as to modify the patented claim so as to employ a "transceiver" in conjunction with the portable device so as to advantageously provide a user of the portable device with the ability to both send and receive data.

Claims 52 and 78 correspond to claim 1.

Claims 53, 64, 68, 70, 74, and 79 correspond to claim 1 wherein the particular transmission of content data to portable devices either at the start or slightly in advance of the start of the media presentation is considered an obvious variant to the patented claim for the purpose of providing a means by which the content data can be distributed and received portable units either prior to or at the point of its use. For example, the particular reception of media data subsequent to the presentation would not provide for the presentation and the narrative to be synchronized.

Claims 56, 62, and 67 correspond to claim 1.

Claims 58, 61, 66, and 69 correspond to claim 18.

Claim 63 corresponds to claim 21.

Claim 72 corresponds to claim 1.

***Claim Rejections - 35 USC § 112***

13. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

14. Claim 45 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. In particular, the application as originally filed discloses that the content data may comprise audio/video, captioning, language translation, previews, games and/or similar applications; however, the specification as originally filed does not particularly disclose or suggest that the “content data is a visual narrative . . . comprising sign language”.

***Claim Rejections - 35 USC § 102***

15. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an



international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

16. Claims 22, 24-34, 36-44, 46-49, 52-75, and 78-79 are rejected under 35 U.S.C. 102(e) as being anticipated by Karstens (US Pub No. 2004/0044532 A1).

In consideration of claim 22, the Karstens reference discloses a “method of providing content data to a viewer of a media presentation in conjunction with the media presentation” (Figure 1). The method comprises “providing a viewer of the media presentation” [175] with a “portable device” [100] that is “remote from the presentation of the media presentation”, as illustrated, and is “capable of receiving wireless communications (Para. [0049]) and “displaying content data relating to the media presentation” (Figures 6A/B; (Para. [0016] – [0018])). As illustrated in Figures 2 and 4, the “portable device” [100] “accumulates content data in the cache memory” [330]. The media playing device [425], “transmits at least one time prompt to the portable device” [210] “triggering the content data to be displayed on the portable device” (ex. [260]) such that the “content data is displayed in synchronization with the presentation of a corresponding portion of the media presentation”. Subsequently, the “portable device” [100] “displays the content data” (Para. [0038] – [0047])).

Claim 46 is rejected as aforementioned wherein the Karstens reference discloses a “method of interactive communication during a media presentation” (Figure 1). The method comprises “presenting the media presentation at a first location” [120] “using media presentation data” associated with enhanced captioning content wherein the “media presentation data has at least one time code associated with the media presentation data” (Para. [0043] and [0049])). A “viewer of the media presentation” [175] is “provided . . . with a portable device” [100] wherein the aforementioned “viewer is located at a location remote

from the first location” as illustrated in Figure 1. As illustrated in Figures 2 and 4, the method involves “transmitting the media presentation data to the portable device and caching the media presentation data in cache memory” [330]. “While the media presentation is being presented”, the portable device “detects one of the at least one time codes associated with the media presentation data” and “determines when the media presentation data should be displayed based on the contents of the at least one time code”. Subsequently, the portable device [100] “displays the media presentation data . . . in relative synchronization with the presentation of a corresponding portion of the media presentation” (Para. [0038] – [0047]).

In consideration of claim 47, the Karstens reference discloses a “method of providing content data to a viewer of a media presentation in conjunction with the media presentation” (Figure 1). The method comprises “providing a viewer of the media presentation” [175] with a “portable device” [100] comprising “at least two receivers” (associated with the particular distribution of synchronization information and enhanced content data (Para. [0049] – [0053])) and “capable of presenting content data relating to the media presentation to the viewer in conjunction with the media presentation” (Figures 6A/B; (Para. [0016] – [0018])). As illustrated in Figures 2 and 4, the method involves “transmitting the content data to the portable device using first receiver signals” (ex. formatted wireless or Internet receiver signals) “at the start or slightly in advance of the start of the media presentation” (Para. [0016], [0034] and [0042]) whereupon the “portable device” [100] “accumulates content data in the cache memory” [330]. The media playing device [425] “transmits at least one message to the portable device using second receiver signals” (ex. audible or wireless formatted signals) which “identify a time when the content data should time prompt to the portable

device such that the content data and a corresponding portion of media presentation are displayed in synchronization” [210]. Subsequently, the “portable device” [100] “presents the data . . . to the viewer in synchronization with the media presentation” (Para. [0038] – [0047]).

In consideration of claim 48, the Karstens reference discloses a “method of providing content data to a viewer of a media presentation in conjunction with the media presentation” (Figure 1). The method comprises “providing a viewer of the media presentation” [175] with a “portable device” [100] comprising “at least two receivers” (associated with the particular distribution of synchronization information and enhanced content data (Para. [0049] – [0053])) and “capable of displaying content data relating to the media presentation” (Figures 6A/B; (Para. [0016] – [0018])). As illustrated in Figures 2 and 4, the method involves “transmitting the content data to the portable device using first receiver signals” (ex. formatted wireless or Internet receiver signals) (Para. [0016], [0034] and [0042]) whereupon the “portable device” [100] “accumulates content data in the cache memory” [330]. The media playing device [425] “transmits at least one time prompt to the portable device using second receiver signals” (ex. audible or wireless formatted signals” which “identify a time when the content data should time prompt to the portable device such that the content data and a corresponding portion of media presentation are displayed in synchronization” [210]. Subsequently, the “portable device” [100] “executes the content data . . . in synchronization with the media presentation” (Para. [0038] – [0047]).

In consideration of claim 54, the Karstens reference discloses a “method of providing a viewer of a first media content with a second media content” (Figure 1). The method comprises “providing a viewer of the first media content” [175] with a “portable device”

[100] that is “remote from a display of the first media content”, as illustrated, and is “capable of receiving wireless communications (Para. [0049]) and “displaying the second media content” (Figures 6A/B; (Para. [0016] – [0018]). As illustrated in Figures 2 and 4, the method “transmits the second media content to the portable device” [245]. The media playing device [425] “transmits at least one time prompt to the portable device” [210] “triggering a display of the second media content on the portable device” (ex. [260]) such that the “second media content and a portion of the first media content are displayed in synchronization”. Subsequently, the “portable device” [100] “displays the second media content . . . at a time indicated by the time prompt” (Para. [0038] – [0047]).

In consideration of claim 59, the Karstens reference discloses a “method of providing a viewer of a first media content with a second media content” (Figure 1). The method comprises “providing a viewer of the first media content” [175] with a “portable device” [100] that is “remote from a display of the first media content”, as illustrated, and is “capable of receiving wireless communications (Para. [0049]) and “displaying the second media content. . . being different from the first media content [and] associated with a portion of the first media content” (Figures 6A/B; (Para. [0016] – [0018]). As illustrated in Figures 2 and 4, the method “transmits the second media content to the portable device” [245]. The media playing device [425] “transmits a time prompt to the portable device” [210] “triggering a display of the second media content on the portable device” (ex. [260]) such that the “second media content and a portion of the first media content are displayed in synchronization”. Subsequently, the “portable device” [100] “displays the second media content . . . at a time indicated by the time prompt” (Para. [0038] – [0047]).

Regarding claim 65, the Karstens reference discloses a “method of providing a viewer of a first media content with a second media content” (Figure 1). The method comprises “providing a viewer of the first media content” [175] with a “portable device” [100] that is “remote from a display of the first media content”, as illustrated, and is “capable of receiving wireless communications (Para. [0049]) and “displaying the second media content” (Figures 6A/B; (Para. [0016] – [0018])). As illustrated in Figures 2 and 4, the method “transmits the second media content to the portable device” [245]. The media playing device [425] “transmits a time prompt to the portable device” [210] “triggering a display of the second media content on the portable device” (ex. [260]) such that the “second media content and a portion of the first media content are displayed in synchronization”. The “portable device” [100], which further “provides inputs on the portable device adapted to receive information from the viewer” (Para. [0037] and [0044]) subsequently, “displays the second media content . . . at a time indicated by the time prompt” (Para. [0038] – [0047]).

Claim 24 is rejected wherein the “content data is transmitted by way of radio frequency signal” (Para. [0042] and [0043]).

Claims 25-27 are rejected wherein the “media presentation data comprises a combination of audio and video data” or is “audio data” or is “video data” corresponding to the particular media presented during the particular type of event attended by the user (Para. [0030] and [0067]).

Claims 28, 30, and 31 are rejected wherein the “content data comprises a combination of audio and video data” or “video” or “audio” wherein the particular enhanced closed captioning stream [160] is both “video” or “video data” in that it is rendered on a video

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display and may further describe actions occurring in the video (Para. [0066]) and is a form “audio” or “audio data” in so far as it serves to describe or be representative of the audio of the presentation that is displayed (Figure 6A/B).

Claim 29 is rejected wherein the “content data comprises text” (Para. [0033]).

Claim 32 is rejected wherein the “content data comprises graphics” (Para. [0033]).

Claims 33 and 34 are rejected wherein the “at least one time prompt is representative of a time of day” associated with or “representative of a time at which the media presentation starts” (Para. [0037] and [0038]).

Claim 36 is rejected wherein the “portable device comprises a display” [360] (Figure 3).

Claim 37 is rejected wherein the “portable device is a personal digital assistant” (Para. 0048))

Claim 38 is rejected wherein the “portable device is a cellular phone” (Para. [0049]).

Claims 39 and 40 are rejected wherein the “media presentation is a pre-recorded presentation” that is a “movie” (Para. [0030]).

Claim 41 is rejected wherein the “pre-recorded presentation is a movie and the content data is text captioning” (Para. [0030]).

Claim 42 is rejected wherein the “pre-recorded presentation is a movie and the content data comprises descriptive audio for the blind” (Para. [0030] and [0066]).

Claim 43 is rejected wherein the “content data is a visual narrative . . . being displayed in one of a plurality of languages” (Para. [0033]).

Claim 44 is rejected wherein the “content data is an audio narrative . . . being played in one of a plurality of languages” (Para. [0067] and [0067]).

Claims 49, 55, 60, 71, 73, and 75 are rejected wherein the method “further provides inputs on the portable device adapted to receive information from the viewer” (Para. [0037] and [0044]).

Claims 52 and 78 are rejected wherein the “time prompt further identifies the content data to be presented at the portable device” (Para. [0039]).

Claims 53, 64, 68, 70, 74, and 79 are rejected wherein the “content data is transmitted to the portable device at the start or slightly in advance of the start of the media presentation” (Para. [0016], [0033] - [0035], and [0042]).

Claims 56, 62, and 67 are rejected wherein the method further comprises “accumulating the second media content in the cache memory of the portable device” (Para. [0033] and [0068]).

Claims 58, 61, 66, and 69 are rejected wherein the “first media content is live” (Para. [0005], [0006], [0014], and [0030]).

Claim 63 is rejected wherein the “second media content is related in content with a portion of the first media content” (Para. [0030]).

Claim 72 is rejected wherein the method further comprises “determining what portion of the media presentation data should be displayed based on the contents of the at least one time code” (Figures 2 and 4).

### ***Claim Rejections - 35 USC § 103***

17. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

18. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).
19. Claims 23, 35, 45, 50, 51, 76, and 77 are rejected under 35 U.S.C. 103(a) as being unpatentable over Karstens (US Pub No. 2004/0044532 A1), in view of Applicant's admission of fact (APA).

In consideration of claim 23, the reference suggests that the "at least one time prompt" may be transmitted as a wireless signal (Para. [0034]) but it is silent with respect to the wireless signal being "by way of infrared signal". Applicant's admission of fact provides evidence that it is well known and expected to use IR to transmit data to devices. Accordingly, it would have been obvious to one having ordinary skill in the art so as to "transmit [the at least one time prompt] by way of infrared signal" for the purpose of utilizing an inexpensive, simplistic way of sending data wirelessly.

In consideration of claim 35, the Karstens reference is silent with respect to the nature of the portable device such that the portable device [100] such that the described PDA, mobile telephone, or computer (Para. [0048]) comprises speakers. Applicant's admission of fact



(APA) provides evidence that it is notoriously well known in the art for portable devices to “comprise speakers”. Accordingly, it have been obvious to one having ordinary skill in the art at the time the invention was made so as to modify the aforementioned portable devices [100] to further “comprise speakers” for purpose of providing a means to reproduce audio signals in stereo.

In consideration of claim 45, the Karstens reference is silent with respect to the “visual narrative” of the “content data” comprising “sign language”. Applicant’s admission of fact (APA) provides evidence as to the usage of “sign language” as a form of “visual narrative”. Accordingly, it would have been obvious to one having ordinary skill in the art at the time the invention was made so as to modify Karstens so such that the “content data is a visual narrative . . . comprising sign language” or “video” associated with the particular presentation of the sign language for the purpose of providing greater flexibility when assisting the hearing impaired understand and enjoy media events. For example, the sole usage of closed captioning would require that a person be literate and mature enough to read and comprehend the subtitles.

In consideration of claims 51 and 77, it is unclear if the portable device [100] further comprises a “transceiver”. Applicant’s admission of fact provides evidence as to the existence and usage of “transceivers” in portable devices. Accordingly, it would have been obvious to one having ordinary skill in the art at the time the invention was made so as to provide a “transceiver” within the portable device [100] for the purpose of advantageously supporting bi-directional communications between the personal device [100] and external networks.

In consideration of claims 50 and 76, as aforementioned, the reference discloses the particular usage of a wireless signal to distribute both the timing (Para. [0036]) and the content related to the media presentation (Para. [0049]). While the reference clearly discloses the usage of a “radio frequency receiver”, the reference is silent with respect to the particular usage of an “infrared receiver”. Applicant’s admission of fact provides evidence that it is well known and expected in the art to use RF and IR to transmit data to devices. Accordingly, it would have been obvious to those having ordinary skill in the art at the time the invention was made so as to modify the portable device [100] such that the “at least two receivers are an infrared receiver and a radio frequency receiver” for the purpose of providing an inexpensive, simplistic way of sending data wirelessly.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure as follows. Applicant is reminded that in amending in response to a rejection of claims, the patentable novelty must be clearly shown in view of the state of the art disclosed by the references cited and the objections made.

- The Yan et al. (US Pub No. 2002/0140718 A1) reference discloses a system and method for translating audio into displayed sign language.

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO**

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MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Scott Beliveau whose telephone number is 571-272-7343. The examiner can normally be reached on Monday-Friday from 8:30 a.m. - 6:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W. Miller can be reached on 571-272-7353. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Scott Beliveau

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A handwritten signature in black ink, appearing to read 'SEB', with a stylized flourish at the end.

SEB

July 5, 2006

Examiner

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